

EMULSIFICATION SYSTEMS AND EMULSIONS

Publication number: JP2002531484 (T)

Publication date: 2002-09-24

Inventor(s):

Applicant(s):

Classification:

- international: **A61K8/06; A61K8/19; A61K8/30;
A61K8/31; A61K8/37; A61K8/39;
A61K8/42; A61K8/49; A61K8/60;
A61K8/72; A61K8/73; A61K8/89;
A61K8/891; A61K8/92;
A61K8/96; A61K8/97; A61K8/98;
A61Q1/02; A61Q19/00;
B01F17/00; C08J3/03;
A61K8/04; A61K8/19; A61K8/30;
A61K8/72; A61K8/92; A61K8/96;
A61Q1/02; A61Q19/00;
B01F17/00; C08J3/02; (IPC1-
7): A61K7/00**

- European: **A61K8/60; A61K8/06; A61K8/06F;
A61K8/73; A61Q1/02;
A61Q19/00; B01F17/00E;
B01F17/00E2; B01F17/00K;
B01F17/00Z; B01F17/00Z2;
C08J3/03**

Application number: JP20000586300T 19991129

Priority number(s): GB19980026699 19981205;
WO1999GB03969 19991129;
US19980111440P 19981208

Also published as:

- WO0033806 (A1)
- TW222876 (B)
- PL197805 (B1)
- ES2230901 (T3)
- EP1137396 (A1)

[more >>](#)

Abstract not available for JP 2002531484 (T)

Abstract of corresponding document: **WO 0033806 (A1)**

Personal care or cosmetic oil in water emulsions include an oil emulsifier and a combination of a Xanthan polysaccharide and a polyglucomannan polysaccharide to provide enhanced stability even at low emulsifier stabiliser levels. The emulsifier stabiliser system provides stable emulsions without dominating system rheology, particularly viscosity. Thus, the emulsions can have a low viscosity suitable for formulation as milks or thin lotions, or can be thickened, desirably by thickening agents other than the Xanthan and/or polyglucomannan, to provide emulsion creams or gels. This enables the system to be used very flexibly in end use applications. The

emulsifier is desirably a non-ionic emulsifier and particularly is a combination of a low HLB and a high HLB emulsifier and can be formulated with conventional alcohol ethoxylate surfactants or from non-EO surfactants e.g. sucrose ester high HLB surfactants and citrate or sorbitan ester low HLB surfactants.

Data supplied from the **esp@cenet** database — Worldwide